SUBSTITUTE ABSTRACT

A network based on Code Division Multiple Access
techniques or CDMA is dimensioned for input parameters to provide
at least a value of maximum sustainable load per cell given a
plurality of services provided by first determining for each cell a
load factor per cell on the basis of the input parameters and then
verifying whether the determined load factor corresponds to the
maximum load sustainable by the cell and, if the determined load
factor exceeds the maximum sustainable load, and finally
dynamically negotiating at the Radio Resource Management level
radio resources to be allocated to at least one of the services
provided by the network into the cell in such a way that the
determined load factor per cell becomes smaller than or equal to
the maximum sustainable load or is optimized by taking into account
the characteristics of the network.